



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re	Application of:)	
		:	Examiner: Unassigned
HIRO	OSHI AOTO ET AL.)	
		:	Group Art Unit: Unassigned
Appl	ication No.: 10/769,765)	
m:11	F-1	:	
rnea	: February 3, 2004)	
For	DIELECTRIC FILM STRUCTURE,	,	
. 01.	PIEZOELECTRIC ACTUATOR USING	:	
	DIELECTRIC ELEMENT FILM)	
	STRUCTURE AND INK JET HEAD	:	March 16, 2004

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. In accordance with the OG Notice dated August 5, 2003, entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003," copies of only the listed foreign documents are enclosed.

The Examiner's attention is also directed to the following U.S. Application:

Application Number	Inventor(s)	Filing Date	Group <u>Art Unit</u>	<u>Status</u>
10/632,913	Takanori Matsuda Kenichi Takeda Toshihiro Ifuku Kiyotaka Wasa	August 4, 2003	2834	Pending

A copy of the above Application is also enclosed.

Japanese Patent Publication No. 53-12138 and U.S. Patent Nos. 4,584,590 and 5,265,315 are discussed at page 2 of the specification and may be relevant for the reasons discussed therein.

Japanese Patent Application Laid-Open No. 6-350154 is discussed at page 6 of the specification and may be relevant for the reasons discussed therein.

U.S. Patent No. 3,946,398 is a counterpart to Japanese Patent Publication No. 53-12138.

An abstract for Japanese Patent Application Laid-Open No. 6-350154, obtained from a commercial database, is enclosed for the Examiner's convenience.

FORMAL MATTERS

In accordance with 37 C.F.R. § 1.97(b), since this Information Disclosure

Statement is being filed within three months of the filing date of the subject application, neither a statement under 37 C.F.R. § 1.97(e) nor payment of a fee is required for consideration of this Information Disclosure Statement.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that an initialed copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

Attorney for Applicants

Douglas W. Pinsky

Registration No. 46,994

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801

Facsimile: (212) 218-2200

DWP/tmc

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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO. 03500.017883

APPLICATION NO. 10/769,765

APPLICANT

HIROSHI AOTO ET AL.

LIST OF REFERENCES CITED BY APPLICANT(S)

(Use several sheets if necessary) March 16, 2004			FILING DATE February 3, 2004		GROUP Unassigned	
			U.S. PATENT DOCUMENTS			
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,946,398	03/1976	Kyser et al.			
	4,584,590	04/1986	Fischbeck et al.			
	5,265,315	11/1993	Hoisington et al.			
	6,653,211 B2	11/2003	Unno et al.			
	2002/0076875 A1	06/2002	Wasa et al.			
	2002/0140320 A1	10/2002	Unno et al.			
	2003/0196745 A1	10/2003	Fukui et al.			
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		FO	REIGN PATENT DOCUMENTS		, · · · · · · · · · · ·	<u></u>
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	JP 53-12138	04/1978	978 Japan			*
	JP 6-350154	12/1994	Japan			Abstract
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				_		
	ОТН	ER DOCUMENT(S)	(Including Author, Title, Date, Pertinent Pages, Etc.)		
	*U.S. Patent No. 3,946,					
EXAMINER			DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicants. Sheet 1 of 1 DWP/tmc